HUNTON& WILLIAMS

December 18, 2001

1900 K STREET, N.W. WASHINGTON, D.C. 20006-1109

TEL 202 • 955 • 1500 FAX 202 • 778 • 2201

YISUN SONG

DIRECT DIAL: 202 • 955 • 1966

EMAIL: ysong@hunton.com

FILE NO: 56162.000358



BOX PATENT APPLICATION
Commissioner for Patents

Washington, D.C. 20231

Re: Filing of New U.S. Utility Patent Application

Title: "Method And System For Implementing A Reduced

Complexity Dual Rate Echo Canceller"

Inventors: Bijit Halder and Alper T. Erdogan

Dear Sir:

Attached is a new patent application for filing in the United States Patent and Trademark Office including eighty-three (83) pages of Specification, seven (7) pages of Claims (numbered 1-50), one (1) page Abstract, twenty-four (24) sheets of Drawings (labeled Figs. 1a-18c), an executed Declaration and Power of Attorney, and an Assignment for recordation.

The filing fee is calculated as follows:

| | | | | AMOUNT |
|---|---------------|------------------|---------|----------|
| | | BASIC FILING FEE | | \$740.00 |
| | No. of Claims | No. in Excess | Rate | |
| Number of Claims in Excess of: 20 | 50 | 30 | \$18.00 | 540.00 |
| Independent Claims in Excess of: 3 | 4 | 1 | \$84.00 | 84.00 |
| First Presentation of Multiple Dependent Claims | | \$ 270.00 | | .00 |
| Reduce by ½ for Small Entity | | | | .00 |
| Assignment Recordation Fee | | | | 40.00 |
| TOTAL FEE DUE | | | | 1404.00 |

HUNTON& WILLIAMS

December 18, 2001 Page 2

A check in the amount of \$1404.00 is attached to cover the basic application filing fee, additional claims fee and recordation of assignment fee. In the event of any variance between the amount enclosed and the Patent and Trademark Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 50-0206.

Please direct all communication concerning this application to:

Kevin T. Duncan, Esq. Hunton & Williams Intellectual Property Department 1900 K Street, N.W. Suite 1200 Washington, DC 20006

Respectfully submitted,

HUNTON & WILLIAMS

Yisun Song

By:_

Registration No. 44,487

For Kevin T. Duncan Registration No. 41,495

1900 K Street, NW, Suite 1200 Washington, D.C. 20006-1109 Telephone: (202) 955-1937

Facsimile: (202) 778-2201

Dated: December 18, 2001